

- 10 -

What is claimed is:

1. A valve to be connected to a conduit utilizing a malleable sleeve, said valve comprising:

5 a valve body having an inlet and an outlet formed therein;

a first coupling attached at said inlet;

a second coupling attached at said outlet; and

at least one of said couplings sized to be received within said malleable sleeve.

10 2. The valve of claim 1 wherein the first and second couplings are of integral, one-piece construction with the valve body.

3. The valve of claim 1 wherein the first and second couplings are welded to the valve body.

15 4. The valve of claim 1 wherein the first and second couplings are threaded to the valve body.

5. The valve of claim 1 wherein the valve body further includes a flow control mechanism.

20 6. The valve of claim 5 wherein the flow control mechanism is a ball valve.

7. The valve of claim 6 wherein the ball valve is a top entry ball valve.

25 8. The valve of claim 1 wherein said first and second couplings have an outer diameter that is substantially equivalent to an outer diameter of said conduit.

9. The valve of claim 1 wherein said first and second couplings have an inner diameter that is substantially equivalent to an inner diameter of said conduit.

30 10. The valve of claim 1 wherein at least one of said first and second couplings is annealed.

11. The valve of claim 1 wherein said valve body and at least one of said first and second couplings are 35 annealed.

- 11 -

12. A valve body to be connected to a conduit with a malleable sleeve for controlling the flow of fluids there through, the valve body comprising:

5           an inlet and an outlet formed in the valve body;

              a first coupling integrally formed with the valve body at the inlet;

              a second coupling integrally formed with the valve body at the outlet; and

10           at least one of said couplings sized to receive said malleable sleeve.

13. The valve body of claim 12 further including a flow control mechanism located therein.

14. The valve body of claim 13 wherein the flow control mechanism is a ball valve.

15. The valve body of claim 14 wherein the ball valve is a top entry ball valve.

16. The valve body of claim 12 wherein said first and second couplings have an outer diameter that is substantially equivalent to an outer diameter of said conduit.

17. The valve body of claim 12 wherein said first and second couplings have an inner diameter that is substantially equivalent to an inner diameter of said conduit.

18. The valve body of claim 12 wherein at least one said first and second couplings is annealed.

19. The valve body of claim 12 wherein said valve body and at least one of said first and second couplings are annealed.

20. A valve for the interception of fluids comprising:

              a valve body with at least one opening for an input and one opening for an output;

35           a first tubular coupling attached to the body

- 12 -

at said inlet and a second tubular coupling attached to the body at the outlet;

5 at least one of said tubular couplings sized to be inserted into a sleeve capable of receiving a tubular conduit;

said sleeve being malleable around the selected one of said tubular couplings and around said tubular conduit to form a connection of the tubular conduit with the valve body.

10 21. The valve of claim 20 wherein the first and second tubular couplings are integrally formed with the valve body.

22. The valve of claim 20 wherein the valve body further includes a flow control mechanism.

15 23. The valve of claim 22 wherein the flow control mechanism is a ball valve.

24. The valve of claim 23 wherein the ball valve is a top entry ball valve.

20 25. The valve of claim 20 wherein said first and second couplings have an outer diameter that is substantially equivalent to an outer diameter of said conduit.

25 26. The valve of claim 20 wherein said first and second couplings have an inner diameter that is substantially equivalent to an inner diameter of said conduit.

27. The valve of claim 20 wherein at least one of said first and second couplings is annealed.

30 28. The valve of claim 20 wherein said valve body and at least one of said first and second couplings are annealed.

35 29. A method for annealing at least one coupling of a valve body to be connected to a conduit with a malleable sleeve for controlling the flow of fluids there through, the valve body having an inlet and an outlet

- 13 -

formed in the valve body, a first coupling integrally formed with the valve body at the inlet, and a second coupling integrally formed with the valve body at the outlet, the method comprising the steps of:

5            placing at least one of said couplings into an oven heated to a predetermined temperature;

              removing said coupling from said oven after a predetermined time period; and

              allowing said coupling to cool.

10          30. The method of claim 29 wherein the predetermined temperature is substantially 520 degrees Celsius.

              31. The method of claim 29 wherein the predetermine time is substantially two hours.

15          32. The method of claim 29 wherein the predetermined temperature is substantially 520 degrees Celsius and the predetermined time is substantially two hours.